

# Hanover-Norwich 42278

## Ledyard Bridge Over Connecticut River

### Public Informational Meeting



April 14, 2021

# Project Location

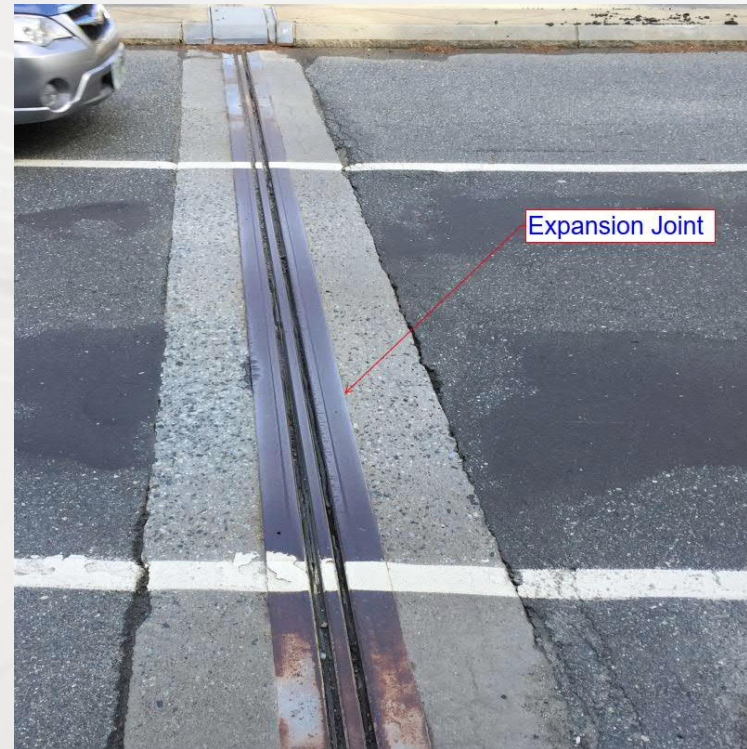




# Bridge Condition

- Current ratings
  - Deck: Satisfactory (6)
  - Superstructure: Good (7)
  - Substructure: Satisfactory (6)
- Poor pavement condition
- Expansion joints and deck membrane at the end of design life

# Bridge Condition





# Bridge Condition



# Preservation Work

Purpose: Extend the service life of the bridge and keep it off the State Red List.

Project work will include:

- Concrete repairs of the deck
- Replacement of the deck membrane and pavement
- Replacement of both expansion joints
- Waterproofing application on the abutments
- Cleaning of the bridge bearings
- Placement of stone around pipe outlet in the southeast corner
- Repair undermining of the abutment

# Traffic Control

- Work will be completed in two phases
- One lane of traffic in each direction
- Pedestrian access maintained at all times on one of the existing sidewalks
- Temporary traffic signals not expected
- Phase 1 permanently removes the concrete median and places temporary pavement.  
NH and VT – temporary removal of raised approach medians

# Traffic Control

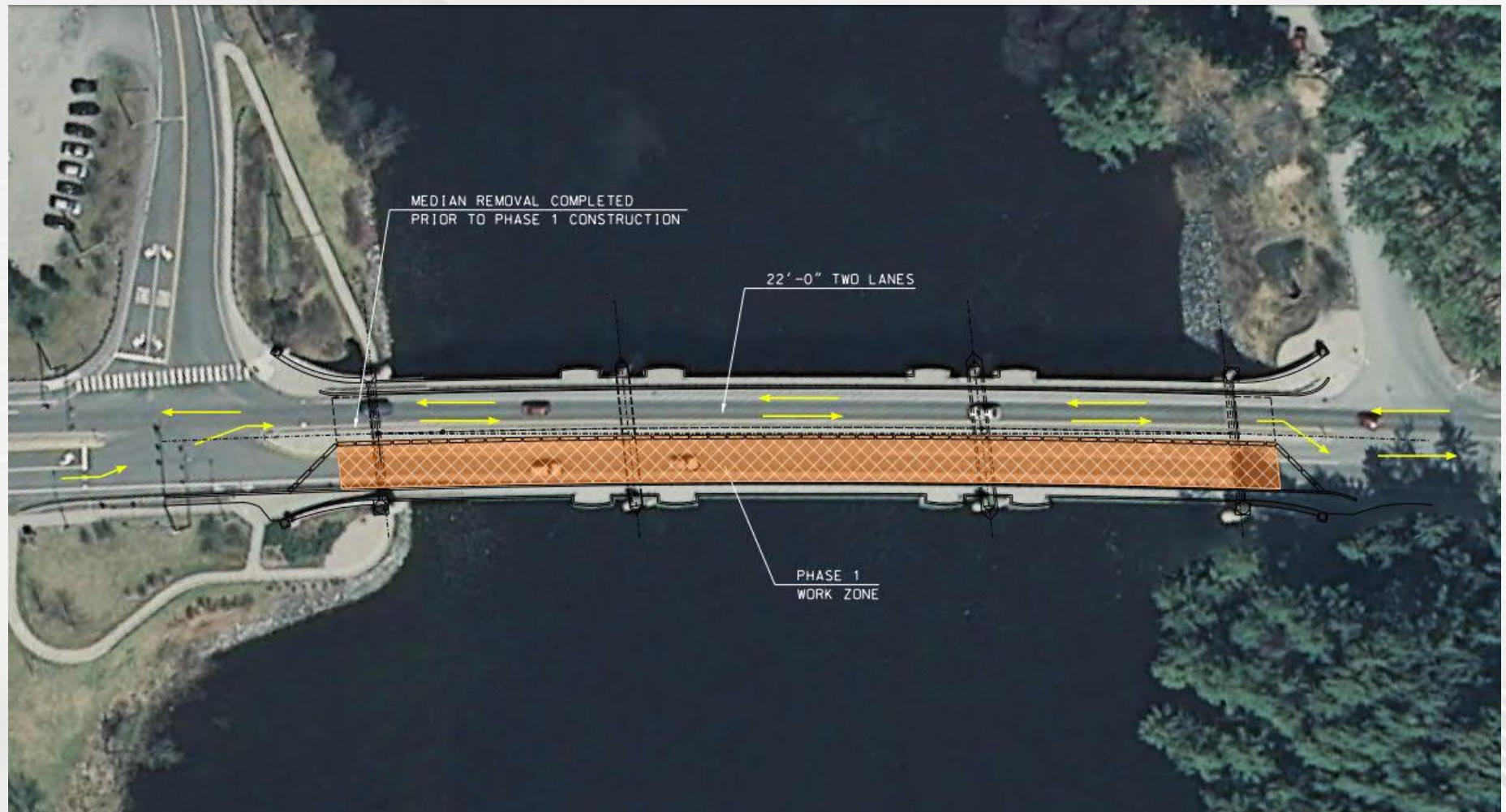
- The dedicated turn lane onto Tuck Drive will not be available during construction. The eastbound turn may be temporarily closed if the traffic analysis shows it is warranted.
- The raised median on the bridge will be replaced with painted median markings (thermoplastic) after phase 2 is complete. Town will be responsible for the maintenance of the markings.



# Existing Layout



# Phase 1 Construction





# Phase 2 Construction





# Your Input Is Needed

- Safety concerns with existing situation
- Emergency vehicle routes
- Bus routes
- Pedestrian/Bike usage
- ADA Access
- Flooding
- Historic concerns
- Local events
- Abutter concerns
- Default green signal directions and timeframes
- Other concerns

# Next Steps

- Develop Preliminary Plans
- Cultural/Historic Coordination
- Environmental Permitting
- Utility Coordination
- Right-of-Way Process
- Develop Contract Plans and Documents

# Project Schedule

- Preliminary design complete June 2021
- Final design complete September 2021
- Contract plans and documents complete December 2021
- Construction start is dependent on NHDOT FY funding availability



# Questions/Comments



## Thank You For Attending